



Figure 2.

Peptide sequence (SEQ ID NO: 5):

MPFVNKQFNY KDPVNGVDIA YIKIPNAGQM QPVKAFKIHN KIWVIPERDT FTNPEEGDLN  
PPPEAKQVPV SYDYDSTYLST DNEKDNLYLK VTKLFERIYS TDLGRMLLTS IVRGIPFWGG  
STIDTELKVI DTNCINVIQPDGSRSEELN LVIIGPSADI IQFECKSFGH EVLNLTRNGY  
GSTQYIRFSP DFTFGFEESL EVDTNPLLGA GKFDATPAVT LAHELIHAGH RLYGAIINPN  
RVFKVNTNAY YEMSGLEVSV EELRTFGGHD AKFIDSLQEN EFRLYYYNKF KDIASLTKA  
KSIVGTTASL QYMKNVFKK YLLSEDTSGK FSVDKLKFDK LYKMLTEIYT EDNFVKFFKV  
LNRKTYLNFD KAVFKINIVP KVNYYIYDGF NLRNTNLAAN FNGQNTTEINN MNFTKLKNFT  
GLFEFYKLLC VRGIITSKTK SLDKGYNKAL NDLCIKVNNW DLFFSPSEDN FTNDLNKGEE  
ITSDTNIEAA EENISLDLIQ QYYLTFNFDN EPENISIENL SSDIIGQLEL MPNIERFPNG  
KKYELDKYTM FHYLRAQEFH HGKSRIALTN SVNEALLNPS RYVTFSSDY VKKVNKATEA  
AMFLGWVEQL VYDFTDETSE VSTTDKIADI TIIIPYIGPA LNIGNMLYKD DFVGALIFSG  
AVILLEFIPE IAIPVLGTFA LVSYIANKVL TVQTIIDNALS KRNEKWDEVY KYIVTNWLAK  
VNTQIDLIRK KMKEALENQA EATKAIINYQ YNQYTEEEKN NINFNIDDL SSKLNESINKA  
MININKFLNQ CSVSYLMNSM IPYGVKRLD FASLKDALL KYIYDNRGTL IGQVDRLLKDK  
VNNTLSTDIP FQLSKYVDNQ RLLSTFTEYI KNIINTSILN LRYESNHLID LSRYASKINI  
GSKVNFDPID KNQIQFLNLE SSKIEVILKN AIVYNSMYEN FSTSFWRIP KYFNSISLNN  
EYTIINCMEY NSGWKVSLEY GEIIWTLQDT QEIKQRVVFK YSQMINISDY INRWIFVTIT  
NNRLNNSKIY INGRLLDQKP ISNLGNIHAS NNIMFKLDGC RDTHRYIWIY YFNLFDKELN  
EKEIKDLYDN QSNNGILKDF WGDYLYQDKP YYMLNLYDPN KYVDVNNVGI RGYMYLKGPR  
GSVMTTNIYL NSSLYRGTKF IIKKYASGNK DNIVRNNDRV YINVVVKNE YRLATNASQA  
GVEKILSALE IPDVGNLSQV VVMKSKNDQG ITNKCKMNLQ DNNGNDIGFI GFHQFNNAIK  
LVASNWYNRQ IERSSRTLGC SWEFIPVDDG WGERPL

Peptides containing S or T (underlined):

position	peptide	SEQ ID NO:
49-66	DTFTNPEEGDLNPPPEAK	40
67-84	QVPVSYYDSTYLSTDNEK	41
90-93	GVTK	42
98-105	IYSTDLGR	43
106-113	MLLTSIVR	44
114-128	GIPFWGGSTIDTELK	45
129-145	VIDTNCINVIQPDGSR	46
146-166	SEELNLVIIGPSADIIQFEC K	47
167-177	SFGHEVLNLTR	48
178-187	NGYGSTQYIR	49
188-212	FSPDFTFGFEESLEVDTNPL LGAGK	50
213-231	FATDPAVTLAHELIHAGHR	51
245-264	VNTNAYYEMSGLEVSVFEELR	52
265-272	TFGGHDAK	53
273-283	FIDSLQENEFK	54
292-299	DIASLTK	55
302-314	SIVGTTASLQYMK	56
321-330	YLLSEDTSGK	57
331-335	FSVDK	58
344-356	MLTEIYTEDNFVK	59
365-371	TYLNFDK	70
382-393	VNYTYIDGFNLR	71
394-415	NTNLAANFNGQNTTEINNMF TK	72
418-427	NFTGLFEFYK	73
433-438	GIITSK	74
439-440	TK	75
441-444	SLDK	76

Figure 2  
Continue

457-477	VNNWDLFF <u>SP</u> SEDNFTNDLN K	77
478-536	GEEITSDT <u>NIEAAEENIS</u> LD LIQQYYLT <u>FN</u> FDNEPENIS <u>I</u>	78
548-555	Y <u>TM</u> FHYLR	79
564-565	<u>SR</u>	80
566-581	IAL <u>TNS</u> VNEALLN <u>PSR</u>	81
582-592	VY <u>TF</u> FS <u>SDY</u> VK	82
597-626	A <u>TEA</u> AMFLGWVEQLVYDFTD <u>ET</u> SEV <u>STTDK</u>	83
627-649	IADITII <u>IPYIG</u> PALNIGNM LYK	84
650-688	DDFVGALIFSGAVILLEFIP EIAIPVLG <u>TF</u> ALV <u>SY</u> IANK	85
689-701	VL <u>T</u> VQ <u>TID</u> NAL <u>S</u> K	86
712-720	YIV <u>T</u> NWLAK	87
721-729	VNT <u>QID</u> LIR	88
734-744	EAL <u>NQ</u> AEAT <u>K</u>	89
745-759	AIINYQYNQY <u>TE</u> EEK	90
760-772	NNINFNIDDL <u>SS</u> K	91
773-779	LNE <u>S</u> INK	92
787-806	FLNQCS <u>V</u> SYLMNS <u>MIPY</u> GVK	93
808-816	LED <u>FD</u> AS <u>L</u> K	94
828-836	GTLIGQVDR	95
841-855	VNNTLSTDIPFQL <u>S</u> K	96
862-871	LLSTFTEYIK	97
872-882	NIINTSILNLR	98
883-893	YESNHLIDL <u>S</u> R	99
894-897	Y <u>A</u> S <u>K</u>	100
898-903	INIG <u>S</u> K	101
912-923	NQIQLFNLE <u>SS</u> K	102
930-948	NAIVYNSMYENFST <u>S</u> FWIR	103
952-975	YFNSISLNNEY <u>T</u> IINCMENN <u>S</u> GWK	104
976-994	VSLNYGEIIWTLQDTQEIK	105
1001-1013	Y <u>S</u> QMINISDYINR	106
1014-1023	WIFVT <u>I</u> TNNR	107
1024-1028	LNN <u>S</u> K	108
1035-1056	LIDQKPISNLGNIHAS <u>NNIM</u> FK	109
1062-1065	D <u>TH</u> R	110
1086-1098	DLYDNQ <u>S</u> N <u>S</u> GILK	111
1141-1156	G <u>S</u> VMTTNIYLN <u>S</u> SLYR	112
1157-1159	G <u>T</u> K	113
1165-1170	YASGNK	114
1193-1204	LATNASQAGVEK	115
1205-1224	ILSALEIPDVGNLSQVVVMK	116
1225-1226	<u>S</u> K	117
1227-1234	NDQGITNK	118
1261-1269	LVA <u>S</u> NWYNR	119
1274-1276	<u>SS</u> R	120
1277-1296	TLGCSWEFIPVDDGWGERPL	121